BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of the work:- Construction of Balance work Compound Wall, DG Room, office Room, Parking area and Toilets at Samudaya Bhavana Hegdenagara (near Dry Waste Collection Centre) in Ward No. 06, Byatarayanapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	**1296.00**	KSRRB M300-53 : Construction of embankment with approved material Gravel/Murrum with all lifts and leads, trasnporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification	cum	220.32	Rupees Two Hundred Twenty and Thirty Two Paise Only
2	**223.43**	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification,	cum	283.02	Rupees Two Hundred Eighty Three and Two Paise Only
3	**72.01**	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum	4976.70	Rupees Four Thousand Nine Hundred Seventy Six and Seventy Paise Only
4	**142.20**	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones, at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	cum	3910.34	Rupees Three Thousand Nine Hundred Ten and Thirty Four Paise Only
5	**87.84**	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement** with **cement mortar 1:6**, edges of stone chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification.	cum	4814.52	Rupees Four Thousand Eight Hundred Fourteen and Fifty Two Paise Only
6	603.00	KSRB-3.2 : Providing and injecting chemical emulsion for Preconstructional anti-termite treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulisifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one precent concentration, labour, HOM of equipments, complete as specifications.(Plinth area of building at ground floor only shall be measured) specification.	Sqm	108.12	Rupees One Hundred Eight and Twelve Paise Only
7	**192.00**	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	97.52	Rupees Ninety Seven and Fifty Two Paise Only
8	**696.67**	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	cum	999.58	Rupees Nine Hundred Ninety Nine and Fifty Eight Paise Only

No Corrections — Nil

16/01

E.E. (BTP. DIV)

16/01

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
9	72.90	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams.	cum	6345.16	Rupees Six Thousand Three Hundred Forty Five and Sixteen Paise Only
10	8.76	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete ofmix M20 with OPC cement @ 24kgs, with 12 mm and down size graded granite metal coarse aggregates @ 0.5175 cum and fine aggregates @ 0.345 cum with superplastisiser @ 0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification.	sqm	461.10	Rupees Four Hundred Sixty One and Ten Paise Only
11	9.99	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification	Qtl	58229.25	Rupees Fifty Eight Thousand Two Hundred Twenty Nine and Twenty Five Paise Only
12	108.00	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling including** rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	193.98	Rupees One Hundred Ninety Three and Ninety Eight Paise Only
13	411.24	KSRB 15.3.11 :Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **(Inside wall)**	Sqm	235.32	Rupees Two Hundred Thirty Five and Thirty Two Paise Only
14	519.24	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.	Sqm	25.44	Rupees Twenty Five and Forty Four Paise Only
15	928.80	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **(Out side Wall)**	Sqm	199.28	Rupees One Hundred Ninety Nine and Twenty Eight Paise Only
16	140.40	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, **roofs**, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.	Sqm	572.40	Rupees Five Hundred Seventy Two and Forty Paise Only
17	21.12	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for **chajjas**, corbels etc., including edges including cost of all materials, labour complete as per specifications.	Sqm	278.78	Rupees Two Hundred Seventy Eight and Seventy Eight Paise Only
18	173.20	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of **columns** for mass concrete including cost of all materials, labour complete as per specifications.Specification NO.	Sqm	239.56	Rupees Two Hundred Thirty Nine and Fifty Six Paise Only
19	28.26	Supply and fixing pressed steel door frames size 125x65 mm manufacture from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and sutters made out of seasoned honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm, width width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be not proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years, this shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting wit enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc, complete the hollow portion of the frame to be filled with cement concrete1:2:4.	Sqm	3710.00	Rupees Three Thousand Seven Hundred Ten Only

No corrections - Nil

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E.E. (STP. DIV)

16/01

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
20	1.08	KSRB 7.10 : Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weight 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminium section anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tenonned and riveted in the assembled frame stiffened with end clops at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with□□□

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
29	5.00	KSRB 11.11.1 : Providing and fixing white vitreous china clay, flat back wash basin of size 630x450mm with pair of 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets ,cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification	Unit	3931.54	Rupees Three Thousand Nine Hundred Thirty One and Fifty Four Paise Only
30	2.00	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal Type) with black solid plastic seat and lid, C. P. brass hinges, rubber buffers. 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications.	Each	5279.86	Rupees Five Thousand Two Hundred Seventy Nine and Eighty Six Paise Only
31	100.00	KSRB :13-8.3 : Providing and fixing to wall, ceiling and floor, low density poluethylene pipes kgs/sq.cm working pressure 32mm outside diameter, compression type fittings, wall clips, making good the wall ceiling and floor cost of materials, labour charges HOM of equipments and testing exeluding cost of fittings,complete as per specifications	Rmts	193.98	Rupees One Hundred Ninety Three and Ninety Eight Paise Only
32	50.00	KSRB 13-1.4 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 32mm dia nominal bore with fittings (medium grade weight 3.23 kg/mtr)	m	366.76	Rupees Three Hundred Sixty Six and Seventy Six Paise Only
33	2.00	KSRB 13-6.3.5: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	1007.00	Rupees One Thousand Seven Only
34	15.00	KSRB 13-6.6.1: Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	set	890.40	Rupees Eight Hundred Ninety and Forty Paise Only
35	20.00	KSRB 13-6.1.2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	192.44	Rupees One Hundred Ninety Two and Forty Four Paise Only
36	1000.00	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications,	L	6.36	Rupees Six and Thirty Six Paise Only
37	150.00	**Groove Cutting :** Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary **19/20 mm dia 2mm thick**	Mtrs	43.00	Rupees Forty Three Only
38	75.00	25 mm dia 2mm thick	Mtrs	53.00	Rupees Fifty Three Only
39	4	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete. **10"X7"X3" (300X228X76mm)**	Each	68.00	Rupees Sixty Eight Only
40	4	8"X6"X3" (300X228X76mm)	Each	52.00	Rupees Fifty Two Only
41	20	Supplying and fixing PVC/metal conduit accessories special type Junction Box **(I. 5/P. 3) 32 mm Junction Box**	Each	29.00	Rupees Twenty Nine Only
42	25	Deep 32 mm Junction Box	Each	33.00	Rupees Thirty Three Only
43	15	Fan Box 18 /SWG	Each	57.00	Rupees Fifty Seven Only
44	5	Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet **KPWD SR 2010-11 (P.3/I.8) Point Wiring using Class A Materials a) Short point upto 3Mtr from tapping point to out let via switch**	Each	175.00	Rupees One Hundred Seventy Five Only
45	12	b) Medium point above 3mtr upto 6mtr from tapping point to out let via switch	Each	260	Rupees Two Hundred Sixty Only
46	16	C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch	Each	368	Rupees Three Hundred Sixty Eight Only
47	10	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate 1-3 Way	Each	90.00	Rupees Ninety Only

No Corrections - Nil

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E.E. (BTP. DIV)

16/01

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
	3	4-5Way	Each	100.00	Rupees One Hundred Only
9	7	6Way	Each	175.00	Rupees One Hundred Seventy Five Only
50	5	8 Way	Each	195.00	Rupees One Hundred Ninety Five Only
51	5	10-12Way	Each	210.00	Rupees Two Hundred Ten Only
52	10.00	Supplying and fixing superior quality modula switch mounting polyorbonate plate with cecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box **1 to 3 Modular**	Each	82.00	Rupees Eighty Two Only
53	5.00	4 Modular	Each	100.00	Rupees One Hundred Only
54	7.00	6 Modular	Each	125.00	Rupees One Hundred Twenty Five Only
55	4.00	8 Modular	Each	175.00	Rupees One Hundred Seventy Five Only
56	5.00	12 Modular	Each	230.00	Rupees Two Hundred Thirty Only
57	50.00	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate **6Amps one way.**	Each	96.00	Rupees Ninety Six Only
58	20.00	6Amps 3way Socket.	Each	165.00	Rupees One Hundred Sixty Five Only
59	7.00	Stepped Fan Regulator	Each	530.00	Rupees Five Hundred Thirty Only
60	7.00	16 Amps one way switch	Each	132.00	Rupees One Hundred Thirty Two Only
61	2.00	6Amps Bell push	Each	115.00	Rupees One Hundred Fifteen Only
62	7.00	6/16 Amps univesla Socket	Each	205.00	Rupees Two Hundred Five Only
63	4.00	TV / Telephone Socket	Each	115.00	Rupees One Hundred Fifteen Only
64	4.00	Rj45/IO Oulet	Each	525.00	Rupees Five Hundred Twenty Five Only
65	150.00	Wiring for lighting power curcuit using one of PVC insluated 1100v grade multistrand copper conductor single core cable in open or concealed system of wiring **1 1.5 Sqmm**	Mtrs	150.00	Rupees One Hundred Fifty Only
66	1900.00	2.5 Sqmm	Mtrs	25.00	Rupees Twenty Five Only
67	1900.00	4 Sqmm	Mtrs	32.00	Rupees Thirty Two Only
68	75.00	6 Sqmm	Mtrs	52.00	Rupees Fifty Two Only
69	12.00	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps	No	60.00	Rupees Sixty Only
70	12.00	Extra for supplying 4mm thick white plastic plate and convering for juncrtion boxese or size 80mm conduit using necessary machine screws **8mm**	No	6.48	Rupees Six and Forty Eight Paise Only
71	2500.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulatoirs etc and fixing on existing wooden or metal box using NF screws	Sqcm	0.22	and Twenty Two Paise Only
72	15.00	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, locking type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Supply including fluouresecent tube **Group 'A'**	Each	675.00	Rupees Six Hundred Seventy Five Only
73	15.00	Supplying of Incandescent lamps **B.C. 100Watts**	Each	14.00	Rupees Fourteen Only
74	4.00	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2007-08 (P-23, I-23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard **Regular Model**	Each	1800 675.00 2400	Rupees One thousand Eight hundred only. Rupees Six Hundred Seventy Five Only
75	2.00	Supplying wall mounting fan suitable to operat	Each	14.00	Rupees Fourteen Only

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	Quantity.	Description	Unit	Rates	
				In Figures	In Words
	4.00	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box **1 to 3 Modular**	Each	1800.00	Rupees One Thousand Eight Hundred Only
77	2.00	8 Modular	Each	2400.00	Rupees Two Thousand Four Hundred Only
78	4.00	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate 6Amps one way.	Each	82.00	Rupees Eighty Two Only
79	8.00	6Amps 3way Socket.	Each	175.00	Rupees One Hundred Seventy Five Only
80	2.00	Supplying and fixing 32Amps security and energy savings DP switch with key tag suitable to operate on 230 Volts 50Hz AC supply & completely wired on existing box **Group A**	Each	630.00	Rupees Six Hundred Thirty Only
81	2.00	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps	Each	60.00	Rupees Sixty Only
82	2.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required **5-32 Amps**	Each	560.00	Rupees Five Hundred Sixty Only
83	2.00	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc **20"x20"x2.5"**	Each	285.00	Rupees Two Hundred Eighty Five Only
84	2.00	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washers etc complete **32 Amps**	Each	100.00	Rupees One Hundred Only
85	50.00	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.**P No. 68/ I No. 4(d) 4 core 16 Sqmm**	Mtrs	215.00	Rupees Two Hundred Fifteen Only
86	50.00	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, **P No. 69 / I No. Ia In existing trencg/duct 6Sqmm to 16 Sqmm)**	Mtrs	11.00	Rupees Eleven Only
87	25.00	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete (as per Civil SR KSRB **1-2 P-7) P No. 70/ I. No. 6-c For Cutting Road Surface**	Mtrs	40.00	Rupees Forty Only
88	10.00			60.00	Rupees Sixty Only
89	5.00	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class **40mm dia GI pipe**	Mtrs	240.00	Rupees Two Hundred Forty Only
90	1.00	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., **16Sqmm**	No.	286.00	Rupees Two Hundred Eighty Six Only
91	2.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000,	No	3000.00	Rupees Three Thousand Only
92	230.00	Supplying and drawing UTP-CAT -E LAN calve (49/31)	No	35.00	Rupees Thirty Five Only
93	1.00	1HP Submercible centrifugal force pump of approved make with all necessary fittings including wiring switch board, starter etc., and Electronic Automatic Equipment (Programmable Logic Control)	No	18000.00	Rupees Eighteen Thousand Only

No corrections - Nil

"DTS Approved with Correction Forom INo: 73 to 79"

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

Note:

1. Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)
2. Unit rates and prices shall be quoted by the Tender in Indian rupees.
3. Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)
4. Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))